

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Bradley L. Todd)	
	Eric Davidson)	
)	Art Unit: Unknown
)	
Serial No.:	Unknown)	
)	
Filed:	Unknown)	Examiner: Unknown
)	
For:	Subterranean Treatment)	
	Fluids and Methods of)	
	Using These Fluids to)	
	Stimulate Subterranean)	
	Formations)	

INFORMATION DISCLOSURE STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

U. S. PATENTS

U.S. Patent Number 3,960,736 issued June 1, 1976 to Dustin L. Free et al;

U.S. Patent Number 4,026,361 issued May 31, 1977 to Randolph H. Knapp et al;

U.S. Patent Number 4,136,739 issued January 30, 1979 to William M. Salathiel, et al;

U.S. Patent Number 4,143,007 issued March 6, 1979 to Ronald N. DeMartino;

U.S. Patent Number 4,151,879 issued May 1, 1979 to Ronnie L. Thomas;

U.S. Patent Number 4,169,798 issued October 2, 1979 to Ronald N. DeMartino;

U.S. Patent Number 4,247,402 issued January 27, 1981 to Arlynn H. Hartfiel;

U.S. Patent Number 4,368,136 issued January 11, 1983 to Joseph R. Murphey;

U.S. Patent Number 4,536,297 issued August 20, 1985 to Royal E. Loftin, et al;

U.S. Patent Number 5,126,051 issued June 30, 1992 to Francis J. Shell, et al;

U.S. Patent Number 5,165,477 issued November 24, 1992 to Francis J. Shell, et al;

U.S. Patent Number 5,223,159 issued June 29, 1993 to William H. Smith, et al;

U.S. Patent Number 5,224,546 issued July 6, 1993 to William H. Smith, et al;

U.S. Patent Number 6,196,320 issued March 6, 2001 to Warren J. Ray, et al;

U.S. Patent Number 6,422,325 issued July 23, 2002 to Darrell L. Krieger;

U.S. Patent Number 6,432,885 issued August 13, 2002 to Daniel Patrick Vollmer;

U.S. Patent Number 6,509,301 issued January 21, 2003 to
Daniel Patrick Vollmer;

U.S. Patent Number 5,678,632 issued October 21, 1997 to
Vivian Moses, et al; and

U.S. Patent Number 5,813,466 issued September 29, 1998 to
Ralph E. Harris, et al.

OTHER PRIOR ART

SPE 68911 "Stimulation of a Producing Horizontal Well Using Enzymes that Generate Acid In-Situ - Case History" by Ralph E. Harris, et al., dated May 21, 2001; and

Arcasolve Technical Document - MD1 "Arcasolve High Performance Drilling Damage Removal"; Rev. 1, dated October 1998.

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,



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FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 2002-IP-008013U1P1	SERIAL NO. Unknown
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT Bradley L. Todd, et al	
(Use several sheets if necessary)		FILING DATE Concurrently Herewith	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	3,960,736	06/01/76	Dustin L. Free, et al	252	8.55	
	AB	4,026,361	05/31/77	Randolph H. Knapp, et al	166	281	
	AC	4,136,739	01/30/79	William M. Salathiel, et al	166	300	
	AD	4,143,007	03/06/79	Ronald N. DeMartino, et al	260	17.4	
	AE	4,151,879	05/01/79	Ronnie L. Thomas	166	307	
	AF	4,169,798	10/02/79	Ronald N. DeMartino	252	8.55	
	AG	4,247,402	01/27/81	Arlynn H. Hartfiel	252	8.5	
	AH	4,368,136	01/11/83	Joseph R. Murphey	252	316	
	AI	4,536,297	08/20/85	Royal E. Loftin, et al	252	8.5	
	AJ	5,126,051	06/30/92	Francis J. Shell, et al	210	632	
	AK	5,165,477	11/24/92	Francis J. Shell, et al	166	291	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation
							Yes
	AL						
	AM						No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AN	SPE 68911 "Stimulation of a Producing Horizontal Well Using Enzymes that Generate Acid In-Situ - Case History" by Ralph E. Harris, et al., dated May 21, 2001
	AO	Arcasolve Technical Document - MD1 "Arcasolve High Performance Drilling Damage Removal"; Rev. 1, dated October 1998.

EXAMINER _____ DATE CONSIDERED _____

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U. S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	5,223,159	06/29/93	William H. Smith, et al	252	8.551	
	AB	5,224,546	07/06/93	William H. Smith, et al	166	300	
	AC	6,196,320	03/06/01	Warren J. Ray, et al	166	312	
	AD	6,422,325	07/23/02	Darrell L. Krieger	175	50	
	AE	6,432,885	08/13/02	Daniel Patrick Vollmer	507	236	
	AF	6,509,301	01/21/03	Daniel Patrick Vollmer	507	236	
	AG	5,678,632	10/21/97	Moses, et al	166	307	
	AH	5,813,466	09/29/98	Harris, et al	166	300	
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

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	AL							
	AM							
	AN							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AO		
AP		

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